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Serial Number: 10/820,561  
Filing Date: 4/8/2004  
Applicant: Tong Zhang  
Appn. Title: Single-Mode Operation and Frequency Conversions for Diode-Pumped  
Solid-State Lasers  
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Dear Sir:

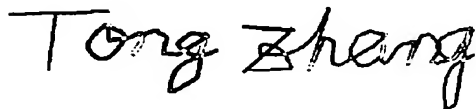
The following explanation gives more details for the amendment in the Preliminary Amendment A of 2-25-05, and particularly in which there is no new matter.

The approach in Claim 1 (4) is to directly create a favorable circumstance to promote SLM operation, even though people usually call it as the term of "eliminating or minimizing the spatial hole burning effect" in laser physics.

The real meaning and intention as well as the physics property in Claim 1 (4) is to create a favorable circumstance to promote SLM operation. In such a circumstance, all possible longitudinal modes have about an equal chance to extract the available gain. That mode which begins to oscillate first wins the "mode-competition" and deprives the others of the gain needed to oscillate, thereby forcing single axial-mode operation. In view of that all of the above sentences is too long to be presented, therefore, people usually use the term of "eliminating or minimizing the spatial hole burning effect" in order to brief it.

As a conclusion, with the use of the approach in Claim 1 (4) a circumstance is created for promoting SLM operation.

Very respectfully,



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